

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-179060

(43)Date of publication of application : 03.07.2001

(51)Int.Cl. B01D 65/02

(21)Application number : 11-369551

(71)Applicant : MAEZAWA IND INC

(22)Date of filing : 27.12.1999

(72)Inventor : SUZUKI TATSUHIKO
TERAMOTO HIRONOBU

(54) INTERNAL PRESSURE TYPE MEMBRANE TREATMENT DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an internal pressure type membrane treatment device, in which a membrane flux is drastically raised by addition of a simple installation and filtrating treatment efficiency is enhanced.

SOLUTION: In the internal pressure type membrane treatment device, in which raw water is supplied to the inside of a hollow fiber membrane and filtrating operation is performed, a gas introducing means for mixing gas with raw water flowing into the hollow fiber membrane is provided and raw water is allowed to flow to the inside of the hollow fiber membrane in a gas-liquid mixing state.

